

19980311.ba v01\_n963.bam.980311 v01\_n964.bam.980311

>From ???@??? Wed Mar 11 11:15:11 1998  
Message-Id: <1998031111146.FAA08585@sco.theporch.com>  
Date: Wed, 11 Mar 1998 05:46:00 CST  
Subject: BOATANCHORS digest 1963

BOATANCHORS Digest 1963

Topics covered in this issue include:

- 1) Fwd: My email files  
by Jderm740 <Jderm740@aol.com>
- 2) WTB Waters Rejection Tuning for KWM-2  
by "ROBERT F. KEMP" <rkemp@mr.net>
- 3) last Stancor Ham Manuals  
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 4) New Web Site  
by Sandra L Knepper <slkst29+@pitt.edu>
- 5) Re: ECO's  
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 6) ARC-5 / BC-454  
by "Peter G. Drexel" <ae1t@oz.plymouth.edu>
- 7) Re: last Stancor Ham Manuals  
by "Merv Schweigert" <k9fd@htc.net>
- 8) R388 disposition "problem"  
by Gordon Smith <wpe9ijx@iquest.net>
- 9) re: ECO's  
by Paul Nelson <drhydro@ames.net>
- 10) BC-610 parts need  
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 11) Test message--do not read  
by rwayne@CTC.Net
- 12) Best treatment for Wrinkle paint  
by "N. West" <ninaw@u.washington.edu>
- 13) Re: Best treatment for Wrinkle paint  
by Michael Hanz <AAFRadio@erols.com>
- 14) Re: 6U8A gassy tube?  
by "Arden Allen" <aallen@sirius.com>
- 15) re: ECO's  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 16) FS WW-II rec/trans parts  
by John russo <jprusso@acsu.buffalo.edu>
- 17) HT-40 vs HT-40 Mark I  
by Greg Carter <kx4r@atl.mindspring.com>
- 18) Re: copper foil  
by "Arthur Moe" <KB7WW@SignalOne.com>
- 19) Re: Tek 190B Usefulness?

- by John Kolb <jlkolb@cts.com>  
20) National R-302  
by "Benjamin D. Hall" <kd5byb@WT.NET>  
21) Test Set, Receiver - Wonderful  
by Larry Kayser <kayser@rideau.net>  
22) AN/URT-21 Radio Beacon  
by avidov@juno.com (Avi Aben)  
23) ?? aluminum TCS cabinet, why ??  
by Ho4bart <Ho4bart@aol.com>  
24) ?? id unk rcvr, izzit R-96/SR ??  
by Ho4bart <Ho4bart@aol.com>  
25) Cryptographic Museum?  
by Dick Dillman <ddillman@igc.apc.org>  
26) PECO 610A  
by "Steve" <scb@mail.internettport.net>  
27) Re: ARC-5 / BC-454  
by Ho4bart <Ho4bart@aol.com>  
28) Re: 6U8A gassy tube?  
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
29) Re: New Web Site  
by Sandra L Knepper <slkst29+@pitt.edu>

-----  
Date: Tue, 10 Mar 1998 15:46:00 EST  
From: Jderm740 <Jderm740@aol.com>  
To: boatanchors@theporch.com  
Subject: Fwd: My email files  
Message-ID: <4e0e939f.3505a68a@aol.com>

This is a multi-part message in MIME format.

--part0\_889562760\_boundary  
Content-ID: <0\_889562760@inet\_out.mail.aol.com.1>  
Content-type: text/plain; charset=US-ASCII

Here is a reply I received from one of the Xroads members. Hopefully all is well now.

Jack        Jderm740@aol.com

--part0\_889562760\_boundary  
Content-ID: <0\_889562760@inet\_out.mail.aol.com.2>  
Content-type: message/rfc822  
Content-transfer-encoding: 7bit  
Content-disposition: inline

Return-Path: <blakhart@xroads.com>

Received: from relay19.mx.aol.com (relay19.mail.aol.com [172.31.106.65]) by  
air19.mail.aol.com (v40.7) with SMTP; Tue, 10 Mar 1998 12:57:08 -0500  
Received: from dogbert.xroads.com (dogbert.xroads.com [206.222.124.36])  
by relay19.mx.aol.com (8.8.5/8.8.5/AOL-4.0.0)  
with ESMTP id MAA02482 for <Jderm740@aol.com>;  
Tue, 10 Mar 1998 12:57:06 -0500 (EST)  
Received: from [206.222.125.10] (slip10.xroads.com [206.222.125.10])  
by dogbert.xroads.com (8.8.5/8.8.5) with SMTP id KAA27236  
for <Jderm740@aol.com>; Tue, 10 Mar 1998 10:57:02 -0700 (MST)  
X-Sender: blakhart@mail.xroads.com  
Message-Id: <v01540b01b12b2e9d5895@[206.222.125.23]>  
Date: Tue, 10 Mar 1998 10:56:51 -0700  
To: Jderm740 <Jderm740@aol.com>  
From: blakhart@xroads.com (Morgan Tanner)  
Subject: Re: My email files  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Jack:

Thanks for the reply. I sent a copy of the other message to my sysop at  
xroads.

He tells me that there was a problem with the spam filter which he  
assures me has been fixed. Be assured that I did not spam your group.

I apologize for the inconvenience.

Morgan Tanner

-----  
"On the other hand...You have different fingers"

[www.xroads.com/~blakhart](http://www.xroads.com/~blakhart)

[www.tcsaz.com](http://www.tcsaz.com)

[www.xroadsmall.com/tcs](http://www.xroadsmall.com/tcs)

--part0\_889562760\_boundary--

-----  
Date: Tue, 10 Mar 1998 15:28:28 -0800

From: "ROBERT F. KEMP" <rkemp@mr.net>

To: boatanchors@sco.theporch.com  
Subject: WTB Waters Rejection Tuning for KWM-2  
Message-ID: <3505CC9C.67D@mr.net>

I'm in need of the Waters Q-multiplier for my KWM-2.  
Anything out there????  
73 From the Northland!  
Bob WA0VRC

-----  
Date: Tue, 10 Mar 1998 15:30:01 -0800  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
To: boatanchors@theporch.com  
Subject: last Stancor Ham Manuals  
Message-ID: <0003B15B.1914@svlima.sv.sc.philips.com>

I have two xerox copies left of the 42 page 1937 Stancor 'Hamanual'.

This manual has details (pictures, schematics, parts lists) for building no less than FIFTEEN different transmitters and a few accessories. The transmitter designs range from a single breadboard 6L6 to a kilowatt AM rig and everything between.

All that, plus complete specifications for their transformers and chokes.

\$12 shipped anywhere U.S.A. First come, first served.

Brian Harris WA5UEK  
3521 Teakwood Lane  
Plano, Texas 75075

-----  
Date: Tue, 10 Mar 1998 16:42:42 -0500 (EST)  
From: Sandra L Knepper <slkst29+@pitt.edu>  
To: boatanchors@theporch.com  
Subject: New Web Site  
Message-ID: <Pine.GS0.3.96L.980310163904.23180B-100000@unixs2.cis.pitt.edu>

Amateur Radio Trader's great new website is ready for you!  
amradiotrader.com is PACKED with information, anything from the latest ads on used equipment to technical information to hot links to HUNDREDS of other ham related sites! Check out the LIVE amateur radio chat room, the only one of its kind in the industry! amradiotrader.com is the best amateur radio website out there for ALL your amateur radio needs.

I endorse it. Thought you would like to know.

Dave, W3BJZ  
Publisher of the Collins Journal

-----  
Date: Tue, 10 Mar 1998 21:56:24 +2400  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
To: rbarmore <rbarmore@indy.net>  
Cc: boatanchors <boatanchors@theporch.com>  
Subject: Re: ECO's  
Message-ID: <199803102156.VAA18039@punt1.hw.ac.uk>

Is the Cap'n you were trying to remember, our Capt. Eckersley by any chance?

Bill  
GM8APX, qthr=No 6, EH4 6JY==No Rectangulars=Cave Felem==Ikke Hawkering

Hennus non potest de aliquid superficere mentem

Net-Tamer V 1.10 - Registered

-----  
Date: Tue, 10 Mar 1998 16:58:00 -0500  
From: "Peter G. Drexel" <ae1t@oz.plymouth.edu>  
To: boatanchors@theporch.com  
Subject: ARC-5 / BC-454  
Message-ID: <3505B768.656551D2@oz.plymouth.edu>

This is a multi-part message in MIME format.

-----2DB8869E7997A9C35AB5C450  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A friend of mine has the 40 meter version of the 40's vintage ARC-5 military receiver. He wants information about converting it for amateur use. I remember reading articles written about this. I suspect that the articles are pre-1960. I searched my 1961 Handbook and old QST's for information. I've also searched the web for both the ARC-5 and BC-454 type designators. No luck.

Specifically, my friend needs to know the ARC-5/BC-454 power supply requirements. I already know that the radio was modified to work with 12 volts on the filaments, instead of the original 24. An article, that

describes the ARC-5 receiver conversion, would be perfect. Can anyone help with a copy of one of these articles?

73...

Peter, AE1T

-----2DB8869E7997A9C35AB5C450

Content-Type: text/x-vcard; charset=us-ascii; name="vcard.vcf"

Content-Transfer-Encoding: 7bit

Content-Description: Card for Dr. Peter Drexel

Content-Disposition: attachment; filename="vcard.vcf"

```
begin:          vcard
fn:             Dr. Peter Drexel
n:              Drexel;Dr. Peter
org:            Plymouth State College
adr;dom:        Department of Computer Science;;Plymouth State College, MSC
#41;Plymouth;NH;03264;
email;internet: ae1t@oz.plymouth.edu
title:          Associate Professor
tel;work:       (603)535-2696
tel;fax:        (603)535-2282
x-mozilla-cpt:  ;0
x-mozilla-html: TRUE
version:        2.1
end:            vcard
```

-----2DB8869E7997A9C35AB5C450--

-----

Date: Tue, 10 Mar 1998 17:17:57 -0600  
From: "Merv Schweigert" <k9fd@htc.net>  
To: <Brian.Harris@sv.sc.philips.com>,  
"Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: last Stancor Ham Manuals  
Message-ID: <01bd4c7a\$c322c9c0\$75ee1cce@k9fd>

>I have two xerox copies left of the 42 page 1937 Stancor 'Hamanual'.  
>  
>This manual has details (pictures, schematics, parts lists) for building no  
less  
>than FIFTEEN different transmitters and a few accessories. The transmitter  
>designs range from a single breadboard 6L6 to a kilowatt AM rig and  
everything  
>between.  
>  
>All that, plus complete specifications for their transformers and chokes.  
>  
>\$12 shipped anywhere U.S.A. First come, first served.  
>  
Brian, will take one if still there, let me know and will mail  
check in tomorrows mail thanks 73 Merv K9FD

-----  
Date: Tue, 10 Mar 1998 16:16:24 -0600 (CST)  
From: Gordon Smith <wpe9ijx@iquest.net>  
To: boatanchors@sco.theporch.com  
Subject: R388 disposition "problem"  
Message-ID: <199803102216.QAA19173@sco.theporch.com>

To all who responded to my post about me getting rid of my USAF MARS  
issued R388.....thanks! I have had several MARS members send me email,  
so those of you who were concerned about my parting out the radio may rest  
easy. It will be going (whole) to a new MARS home. All I have to do now is  
decide which "applicant" will receive the receiver. :) :)

73

W9LU WPE9IJX 1992 BMW K75  
Regards from the "Silicon Flood Plain" (tm) of Kokomo, In.  
(home of Delco Electronics and the "Steer and the Stump" .....  
ask me if you want more info :))      reply to: wpe9ijx@iquest.net

-----  
Date: Tue, 10 Mar 1998 17:53:35 -0500  
From: Paul Nelson <drhydro@ames.net>  
To: boatanchors@theporch.com  
Cc: rbarmore@indy.net  
Subject: re: ECO's  
Message-ID: <v03010d00b12b73b3172e@[206.26.104.127]>

I think the crystal oscillators in the R-390 and 390A are also electron-coupled oscillators for greater stability.... right, Bobbi?

Paul Nelson W5GNF  
Ames, Iowa

"When I go, I want to go quietly, in my sleep, like my grandfather- not screaming, like his passengers."

(DrHydro@ames.net)

"More hay, Trigger?"

Cessna 140 N77149

"No thanks, Roy, I'm stuffed."

-----  
Date: Tue, 10 Mar 1998 17:52:44 -0800  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
To: boatanchors@theporch.com  
Subject: BC-610 parts need  
Message-ID: <0003B6B4.1914@svlima.sv.sc.philips.com>

I need the following items for my BC-610-I (serial #88):

1. Cable to BC-614 speech amplifier
2. Plate tuning knob
3. Two meter covers

If you have any of these items in excess or know someone that does, please let me know by private email. Thank you.

Brian Harris WA5UEK

-----  
Date: Tue, 10 Mar 1998 18:56:58 -0800  
From: rwayne@CTC.Net  
To: boatanchors@theporch.com  
Subject: Test message--do not read  
Message-ID: <3505FD7A.FD2@ctc.net>

This is test message.

-----  
Date: Tue, 10 Mar 1998 16:07:55 -0800 (PST)



From: "N. West" <ninaw@u.washington.edu>  
To: boatanchors@theporch.com  
Subject: Best treatment for Wrinkle paint  
Message-ID: <Pine.A41.3.96a.980310160102.73302A-100000@dante18.u.washington.edu>

A while back a listmember said that the best treatment for black wrinkle paint after cleaning was a product called "The Tannery". I haven't seen this product for sale in the Seattle area. Is there a generic equivalent? Also, are there any other opinions on this subject? As I remember, my previous favorite, Scott's Liquid Gold, was not recommended because the silicone in it could never be removed by any reasonable solvent, thus ruining any repainting effort.

Thanks,  
Fred Powell  
c/o  
ninaw@u.washington.edu

-----  
Date: Tue, 10 Mar 1998 19:58:45 -0800  
From: Michael Hanz <AAFRadio@erols.com>  
To: ninaw@u.washington.edu  
Cc: boatanchors@sco.theporch.com  
Subject: Re: Best treatment for Wrinkle paint  
Message-ID: <35060BF5.748@erols.com>

N. West wrote:  
> A while back a listmember said that the best treatment for black wrinkle  
> paint after cleaning was a product called "The Tannery". I haven't seen  
> this product for sale in the Seattle area. Is there a generic equivalent?

Tannery Care Care  
Leather and Vinyl Care  
K&W Products  
(800) 423-9446

Works best for me...

-----  
Date: Tue, 10 Mar 1998 16:55:44 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>, <dma@islandnet.com>  
Subject: Re: 6U8A gassy tube?  
Message-ID: <199803110053.QAA12217@calimetrics.com>

Hi Jan;

.....> However, part of my original question remains open: How can you tell if a  
> transmitting tube is too gassy to use? As there is always some residual  
> gas, it can't be an all or nothing business.  
>  
> One response I got from a former Raytheon engineer suggested a tube tester  
> gas test with maybe two or three times the current that would be considered  
> the max for a receiving tube.

I guess you got a lot of gas out of that question! Hi!

I guess it would be safe to say that, for a vacuum tube, guess is harmful because it shifts the operating parameters of the tube and it introduces a deteriorative mechanism that causes parametrics to continually shift until the circuit will not operate properly anymore.

Depending on how a gassy tube is being operated will determine how much parametric offset there is in the first instance and how fast the deterioration will occur in the second.

To determine how a gassy tube will affect circuit operation one can set up a specific operating condition, for example, a fixed grid bias voltage for a resultant plate current, and determine the average plate current for a sample of about 30 "known good tubes" (like NIB virgins). Do the same thing with about 30 "known gassy" tubes. Depending on how the distributions of the two samples overlap will tell you if you have a snowball's chance in hell of detecting gassy tubes with a simple test for ONE PARTICULAR TUBE CIRCUIT APPLICATION. If the target tube application circuit utilizes dynamic equilibrium as an operating condition, such as a grid leak self biased oscillator or cathode self biased amplifier, than the equilibrating function will tend to hide the problem. This would explain why gassy tubes aren't usually discovered until things have gotten pretty bad.

The best test for a gassy tube is one in which the tube is operated in it's intended circuit and measurements are made of circuit operating voltages and currents to determine if the tube is within normal limits and then after running for a sufficient period of time another set of measurements are made to see if operating conditions are shifting. If the tube has got the distinctive gassy glow it probably isn't worth it to run the test. If it's a metal tube you've got no choice.

Finally, a static gas current test in a tube tester, such as a TV-7, is the

best way to find gassy receiving and moderate output power tubes. I don't know of a tube tester that handles high power tubes.

I hope this latest gas attack is of some help to you. 73.

Arden Allen KB6NAX aallen@sirius.com

-----  
Date: Tue, 10 Mar 1998 21:20:31 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: Paul Nelson <drhydro@ames.net>  
Cc: boatanchors@theporch.com  
Subject: re: ECO's  
Message-ID: <Pine.SUN.3.96.980310210331.21901B-100000@indy3>

Hi, Paul & the BA-crew!

On Tue, 10 Mar 1998, Paul Nelson wrote:

> I think the crystal oscillators in the R-390 and 390A are also  
> electron-coupled oscillators for greater stability.... right, Bobbi?

It would not surprise me, but I must defer to the R-390 owners and experts. (It's an awfully nice receiver but too heavy for me--the SX-28s are bad enough to try to get in and out of the basement unassisted! [Besides, those slug racks...we had enough trouble getting them out of the garden, I shan't give them a nice place to nap! <grin>]))

For an xtal osc especially, an "electron-coupled" tetrode or pentode osc is a good way to go. It's an especially nice choice for any "two-terminal" osc (see Paul Monroe's comments on the effects of Colpitts & Hartly ckts on plate isolation, which I think have merit--discussion welcomed). Anyway, in an xtal osc, this gives you improved isolation at the "cost" of using a tetrode/pentode instead of a triode, which is next to no cost at all. ...Have to look close, though; for instance the classic 6L6 xtal osc is *not* an electron-coupled type, as it depends on hitting resonance (or a harmonic thereof) at xtal freq with the plate tank, and gets feedback via imperfect isolation between plate & grid--sometimes you even have to add a little external capacity to get good starting (the '41 often needed it, though only a dab).

One caveat: strictly speaking, "eco" as used in the Days Of Yore refers specifically to variable-freq oscs of the LC sort; the classic Dow example was, if I remember, a Hartley if you just looked at the virtual triode.

73,  
--Bobbi

-----  
Date: Tue, 03 Feb 1998 15:33:32 -0800  
From: John russo <jprusso@acsu.buffalo.edu>  
To: boatanchors@theporch.com  
Subject: FS WW-II rec/trans parts  
Message-ID: <34D7A94C.FB1@acsu.buffalo.edu>

I have 3 BC-610 tuning units for sale, two are marked TU-49 covering 3.2 -- 4.0 mc and one is marked TU-52 covering 6.35 -- 8.0 mc . Two of these are quite rusted, one is nice. One has the Hallicrafters emblem on it. All three have a socket for a large type crystal for fixed freq operation. Asking \$35 for the three shipped to your door, CONUS only.

I also have a Bendix Radio remote control unit type MN-28LB, covers 3 bands 200-410kc, 550-1200kc, 2.9-6.0mc . I think a cable goes from this remote tuning head to one or more radios. It has Audio, Compass, Tuning and mode selector switches, headphone jacks. In dirty but fair-good condition. Asking \$20, with CONUS delivery to your door.

Still available is a very clean R23/ARC-5 .19--.55mc receiver, \$45 shipped CONUS.

Hope someone can use this stuff, 73's John KF2JQ

-----  
Date: Tue, 10 Mar 1998 18:22:53 -0500  
From: Greg Carter <kx4r@atl.mindspring.com>  
To: boatanchors@theporch.com  
Subject: HT-40 vs HT-40 Mark I  
Message-ID: <3.0.5.16.19980310182253.3f4fc3b4@pop.atl.mindspring.com>

Hello gang !

Today while home from work (sick), I decided to tackle a Hallicrafters HT-40 transmitter I've had sitting on the shelf for a while. Having a copy of the Mark I manual and the article in Electric Radio by Dave Ishmael on the HT40 ready, I dug in.

The front panel was cleaned nicely, as well as all knobs, and the top of the chassis ....not corroded but very dirty. The transformer and choke were given a coat of brushed on black satin enamel to complete the chassis cosmetics. A couple of deep scratches on the front panel will have to remain as is for now.

The cabinet was covered on all sides by scratches so it had to be sanded, primed and painted with a semi-close match to the Halli gray. End result looked pretty good.

Now to inspect the electrical aspects of the transmitter.....the wiring was very neat and soldering good. Only one obvious component damaged....R23 the 5.6K 1 watt resistor in the output sensing network was charred beyond recognition. Replaced with a 2 watt job. The original mic jack has been replaced with a large 2 pin variety (with an enlarged hole in place of the original) . I opt to put it back to original....so in short order the new one is removed, a small plate fashioned to cover the large hole...and the original type mic connector put back in place. Looks pretty good.

Time to connect the little transmitter to the dummy load and wattmeter and see what gives. In goes a 40 mtr xtal, then the power on .....no smoke... now tune as per manual instructions and bingo, we have RF out !! Everything looks fine and as per the manual ....the CW signal sounds good so next is the AM test. Get the trusty D-104 xtal mic and connect to the now original mic connector. Let's see now , plug the phones into the monitor receiver , flip the mode switch to AM and....."hello testing 1, 2, 3, 4....."  
Sounds good for controlled carrier AM....about 12 watts carrier according to the wattmeter !

Everything looks fine on 40 meters but I'd like to try it on 80....only crystal is one for 3732....oh well, it's going into the dummy load....let's give it a whirl. What ? Not as much power out as on 40 ! What's the deal ?? It's as if I'm running out of loading capacity.....and sure enough, upon looking at the manual for the Mark I , I suddenly realize my particular transmitter is just the plain old HT-40, for there in place of the Mark I's 33-1290pF, 3 section BC variable for loading is my puny 2 section BC variable ! That explains that !  
According to Dachis' book, there was " no noticelable difference except the price" between the HT40 and HT40/Mark I.

Also while reading the AM tune-up procedure in my manual copy for the Mark I, I noticed you are to speak into the mic while observing the modulation indicator lamp on the front panel. My HT-40 has no such lamp ! Only the red "power on " lamp is on the front panel.....so here's another difference in the two models.

So, HT40 owners.....I'm wondering what others of you have found ?? Any other differences out there ??

Luckily in the junk box I found a 3 section BC variable that's brand new....  
just begging to be put in it's rightful place in the Loading position.

Once this

is done and a 3885 rock is ordered we should be in business !

I'll be anxious to see how the little rig sounds on 75 mtr AM !

Anybody got an SX-140 they wanna sell :>)

73 and have fun !

Greg KX4R

kx4r@mindspring.com

-----  
Date: Tue, 10 Mar 1998 18:55:00 -0800  
From: "Arthur Moe" <KB7WW@SignalOne.com>  
To: "Boatanchors" <boatanchors@theporch.com>  
Subject: Re: copper foil  
Message-ID: <01bd4c99\$1546a320\$965733d1@arthur-moe>

Did something similar when I gamma matched my tower. 6 wires and used  
4 inch plastic embroidery hoops to hold it all together. I also saw one  
ham  
who used the same Idea, using 4 inch PVC pipe to make an 40 meter  
vertical.

art

KB7WW@SignalONE.com

OK, So what's the speed of dark??????

-----  
Date: Tue, 10 Mar 1998 19:05:48 -0800 (PST)  
From: John Kolb <jlkolb@cts.com>  
To: don merz <71333.144@compuserve.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Tek 190B Usefulness?  
Message-ID: <Pine.SC0.3.91.980310190251.2624A-1000000@sd.cts.com>

On Tue, 10 Mar 1998, don merz wrote:

> Hi. I picked up a signal generator that is a bit odd. It's a Tektronix 190B  
> Constant Amplitude Signal Generator. The idea is that the amplitude of the

> output remains constant as the frequency is varied as long as the load limits  
> specified are adhered to. The manual say that this signal generator "is useful  
> for making frequency response measurements of broadband devices operating in the  
frequency range from 350kc to 50mc."

These were built first of all, for testing scope freq response. I  
used a later model, a 191 ( up to 100 MHz ) for sweeping filters  
for checking response. Work great for that, but they are not well  
shielded, and don't have much of an attenuator to get low levels  
out as you would need for receiver alignment.

John KK6IL

-----  
Date: Tue, 10 Mar 1998 21:16:26 -0600  
From: "Benjamin D. Hall" <kd5byb@WT.NET>  
To: BoatAnchors@SCO.ThePorch.Com  
Subject: National R-302  
Message-ID: <3.0.32.19980310211248.006acf04@mail.wt.net>

Greetings all. Looking for an R-302, part of AN/URR-22 parts unit. Need  
freq dial, speaker grill (perforated metal), various switches, knobs, etc...

FWIW - the R-302 is a Navy troop entertainment radio, and bears some  
similarity to the Scott series of HF troop entertainment receivers.

Thanks and 73,  
Ben

---  
Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.  
Located in Houston, Texas, USA.  
e-mail: kd5byb@WT.net, web: \*\*\*down for refurbishment\*\*\*  
"An ye harm none, do what ye will."

-----  
Date: Tue, 10 Mar 1998 22:12:46 -0500  
From: Larry Kayser <kayser@rideau.net>  
To: Boatanchors@theporch.com  
Subject: Test Set, Receiver - Wonderful  
Message-ID: <2.2.32.19980311031246.006ab664@rideau.net>

Greetings:

This short memo is not about a boatanchor but a new ICOM radio that is the  
best thing I have found in many years for working with Boatanchors. It is  
the new ICOM PCR-1000 Receiver.

About the size of a regular small book or large pocket book, this radio covers from 10 KHz to 1.3 GHz with IF Bandwidths from 3 KHz to 250KHz with AM, SSB, CW (an offset issue for correct frequency reading) FM, FM Wide. It even has a Spectrum analyser function that is very useful.

ICOM sells this radio with software that requires Windows 3.1 or Windoz 95. ICOM made the screen based interfaces look like different types of existing scanner type Radio's - these have limited futures emulating what exists rather than seeing the opportunity in front of us. When I finish decoding the control protocol a DOS interface, with special test set features, and a Time/Date and Database driven software packages will emerge as well.

FOR BOATANCHORS this receiver is a great great tool in a very small box. In the first day I put a two turn loop in the end of a BNC connector and found an open interstage coupling capacitor in a Boatanchor in about 5 minutes. I listened to the scratchy HFO output of another RX and poked around until I found the offending ground contact. With my Noise Bridge and my calculator, I made up a series of coax stubs to help filter the output of a tube type LO so it does not cause TVI around here any more. I looked at the harmonic output of an older CW rig and helped a friend find a bad modulator component in an old Motorola FM radio he is restoring.

The radio is a compromise, surprised aren't you, it has birdies in places and you have to keep your wits about you when assessing what your hearing. Matching the antenna to the RX is a big help, but the advantages of being able to tune from virtually DC to Green Light in a small box with excellent sensitivity are really great.

Several years ago I wrote an Op Ed piece in QST about the need for front panelless radios that we could create our own operating interfaces to, to meet our individual needs etc. This is the first RX to arrive at a price that is 1/5th of the big radio set it replaces. As a tool on my workbench it is just great and has been given a place of honour.

If your doing a lot of work on Boatanchors of different types this is a tool that you can fit into your work that will help you save time and get better results. I like it.

Larry  
VA3LK / WA3ZIA

-----  
Date: Tue, 10 Mar 1998 23:28:34 -0500  
From: avidov@juno.com (Avi Aben)  
To: boatanchors@theporch.com



Subject: AN/URT-21 Radio Beacon  
Message-ID: <19980310.232835.18614.3.avidov@juno.com>

WTB a few of these 243.0 MHZ Hand Held ,USAF sets which measure about  
6 x 3-1/2 x 1-1/2 inches and weigh about 8 oz.(w/o battery).  
Could also use an instruction manual,or copy.  
I believe Magnavox was one of the mfrs. 73

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Wed, 11 Mar 1998 01:00:32 EST  
From: Ho4bart <Ho4bart@aol.com>  
To: boatanchors@sco.theporch.com  
Subject: ?? aluminum TCS cabinet, why ??  
Message-ID: <e4400559.35062882@aol.com>

while shopping at a friend's pile, and i do mean pile, i netted an  
aluminum, "nonmagnetic" ( or do they call it antimagnetic )  
cabinet for the TCS. but why did this exist? i don't think it was  
for reasons of weight, they didn't give a damn about that. with the  
rest of the heavy ferrous metal in the tcs, why care about the  
cabinet?  
did the ship's mess have plastic dinnerware?  
also, the cabinet is made up of 3 or so sheets of aluminum, of which the  
bottom sheet seems to be separating from the upper parts. must i have  
this welded back together ( likely damaging the present excellent paint )  
or would epoxy suffice?  
thanks!  
hue

---

Date: Wed, 11 Mar 1998 01:08:28 EST  
From: Ho4bart <Ho4bart@aol.com>  
To: boatanchors@sco.theporch.com  
Subject: ?? id unk rcvr, izzit R-96/SR ??  
Message-ID: <4b76655b.35062a5e@aol.com>

while shopping at the same heaped-up free store, i picked out a  
receiver with no nameplate, which looks maybe like the R-96/SR  
or some such receiver discussed it not so long ago. freq dial looks  
like that on Canadian MSR- ?? over on the left hand, covers LF-

to looks like 30 mc/s, some bands on dial say for example "USE  
BAND 3". over on the right hand there is a speaker with a pretty  
crude looking port, just 5 circular cutouts in the front panel.  
there is a "breakin switch", no xtal filter.  
cabinet is homemade. no bandsread control, just single knob tuning.  
is this the /SR receiver as discussed here months ago?  
did it have a cabinet originally? nameplate?  
( receiver not to hand so description a little sketchy )  
thanks, hue

-----  
Date: Tue, 10 Mar 1998 22:28:48 -0800 (PST)  
From: Dick Dillman <ddillman@igc.apc.org>  
To: boatanchors@theporch.com  
Subject: Cryptographic Museum?  
Message-ID: <2.2.16.19980310222653.0e0f429a@pop.igc.org>

Can anyone supply information about and directions to the Cryptographic  
Museum near Washington, DC?

Thanks,

Dick

Dick Dillman  
<ddillman@igc.apc.org>  
WPE2VT W6AWO  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Wed, 11 Mar 1998 00:39:48 +0000  
From: "Steve" <scb@mail.internettport.net>  
To: boatanchors@theporch.com  
Subject: PECO 610A  
Message-ID: <199803110650.AAA12345@loki.internettport.net>

Greetings; I have a Pacific Electronics (PECO) 610A mini B.A. made  
in Spokane WA in a very plain grey wood box that appears to be  
(possibly) a troop morale reciever (no mil markings). Inside case  
bears a schematic dated mid 1943 that does not indicate IF freq or  
tracking alignment points.

Really need IF freq to finish out this elegant little BC/SW dual band "USO-in-a shoebox" rig. Can anyone help?

Thanx; Steve

-----  
Date: Wed, 11 Mar 1998 04:04:29 EST  
From: Ho4bart <Ho4bart@aol.com>  
To: boatanchors@theporch.com  
Subject: Re: ARC-5 / BC-454  
Message-ID: <ccfa055a.3506539f@aol.com>

In a message dated 98-03-10 16:59:49 EST,  
ae1t@oz.plymouth.edu writes:

> A friend of mine has the 40 meter version of the 40's vintage ARC-5  
> military receiver. He wants information about converting it for  
> amateur use.

---just an opinion: if it's not already "converted", why "convert" it?  
if he "needs" a ham receiver, there's a bunch of them out there,  
that make \*much\* more practical receivers, down to less than \$50  
( for a Heath HR-10 ). the major work required to solve the fast tuning  
& selectivity problems will "convert" it into junk. then, when he tires of  
it in a couple hours, what does he have? when the experiment ends,  
not very favorably, what is left? another one bit the dust.  
hue

-----  
Date: Wed, 11 Mar 1998 10:12:46 +2400  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
To: aallen <aallen@sirius.com>  
Cc: boatanchors <boatanchors@theporch.com>  
Subject: Re: 6U8A gassy tube?  
Message-ID: <199803111012.KAA19660@punt1.hw.ac.uk>

On 1998-03-11 aallen@sirius.com said:

aa>Status:  
aa>Hi Jan;  
aa>.....> However, part of my original question remains open:  
aa>How can you tell if a  
aa>> transmitting tube is too gassy to use? As there is always some

The AV0 1930s tester instructions (kindly found through these fragrant pages) mentions gassy tubes alongside drifting Initial Anode Current. It says 10% change in 1/2 hour (after the initial 2 minutes for receiving

tubes) is OK; 100% or more is very suspicious gaswise.

(Not their exact words.)

I get the impression that 10% in 1/2 hour is thermal expansion arising mostly from anode dissipation.

=====       =====       =====       BILL       =====       =====       =====

GM8APX, qthr=No 6, EH4 6JY==No Rectangulars=Cave Felem==Ikke Hawkering

Hennus non potest de aliquid superficere mentem

Net-Tamer V 1.10 - Registered

-----

Date: Wed, 11 Mar 1998 06:37:54 -0500 (EST)  
From: Sandra L Knepper <slkst29+@pitt.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: owner-boatanchors@theporch.com  
Subject: Re: New Web Site  
Message-ID: <Pine.GS0.3.96L.980311063321.6763C-1000000@unixs1.cis.pitt.edu>

Some folks asked about the URL address. Since it is in the text, I will repeat it for you: <http://www.amradiotrader.com>

What I like about this URL site is that it has a great list of reference sources that you can click to rather than having so many sites in your "bookmarker."

Oh, by the way don't forget about another one of my favorite URL sites, the Collins Virtual Museum at <http://www.users.fast.net/~wa3key/collins.html>

Thanks.

Dave, W3BJZ  
Publisher of the Collins Journal

On Tue, 10 Mar 1998, Sandra L Knepper wrote:

>  
>  
> Amateur Radio Trader's great new website is ready for you!  
> amradiotrader.com is PACKED with information, anything from the latest ads

> on used equipment to technical information to hot links to HUNDREDS of  
> other ham related sites! Check out the LIVE amateur radio chat room, the  
> only one of its kind in the industry! amradiotrader.com is the best  
> amateur radio website out there for ALL your amateur radio needs.  
>  
> I endorse it. Thought you would like to know.  
>  
> Dave, W3BJZ  
> Publisher of the Collins Journal  
>

-----  
End of BOATANCHORS Digest 1963  
\*\*\*\*\*

>From ???@??? Thu Mar 12 01:26:31 1998  
Message-Id: <199803120547.XAA03186@sco.theporch.com>  
Date: Wed, 11 Mar 1998 23:47:56 CST  
Subject: BOATANCHORS digest 1964

#### BOATANCHORS Digest 1964

Topics covered in this issue include:

- 1) Re: Cryptographic Museum?  
by JD Delancy <k1zat@dsport.com>
- 2) Re: ?? aluminum TCS cabinet, why ??  
by Gary Pewitt <gpewitt@execpc.com>
- 3) Resistor source  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 4) Re: Cryptographic Museum?  
by nick@cs.unc.edu
- 5) Millen coil form 45004...  
by Ken Gordon <keng@uidaho.edu>
- 6) WTD: Information on Stancor 40P Transmitter  
by "Don Buska" <d.buska@aaiate.com>
- 7) Plugs  
by Jderm740 <Jderm740@aol.com>
- 8) WTD: Info om Meissner FM-X  
by Charles Kadesch <chas@digizen.net>
- 9) FT: junker SX-101  
by "Al Parker" <awparker@worldnet.att.net>
- 10) Swap Hallicrafters emblem  
by "Al Parker" <awparker@worldnet.att.net>
- 11) New Mil Radio Group Web Page  
by David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>

- 12) IEEE "Institute" on collecting  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 13) Re: IEEE "Institute" on collecting  
by "Mike B. Feher" <n4fs@monmouth.com>
- 14) SX-100 Part  
by Bob Reynolds <breynd@sigg.com>
- 15) KW2000E FS  
by BEN NOCK <G4BXD@compuserve.com>
- 16) Can you help identify this?  
by Terry Muncy <Terry@electrosys.com>
- 17) re: National Crypto Museum  
by Chuck McGregor <c\_mcgregor@wport.com>
- 18) Can You Help Identify This Radio?  
by Terry Muncy <Terry@electrosys.com>
- 19) Re: Plugs  
by Mike <ac5p@ionet.net>
- 20) Re: Plugs  
by gwoods@albany.net (Gary Woods)
- 21) Re: Swap Hallicrafters emblem  
by jackiv@juno.com (John M Iverson)
- 22) Re: IEEE "Institute" on collecting  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 23) Proc. of I.R.E. Archives?  
by Mike <ac5p@ionet.net>
- 24) Fwd: photo  
by davidh@getnet.com
- 25) Fuse on Steroids  
by Morris Odell <morriso@vifp.monash.edu.au>
- 26) Re: ?? aluminum TCS cabinet, why ??  
by Ho4bart <Ho4bart@aol.com>
- 27) RE: ARC-5 / BC-454  
by Glenn Finerman <glennfin@mjet.com>
- 28) BA Haunts in Venezuela????  
by W7FG <w7fgboat@w7fg.com>
- 29) Wanted: S-40A Dial  
by "Gary Harmon" <gharmon@txdirect.net>
- 30) Re: Fuse on Steroids  
by "Arden Allen" <aallen@sirius.com>
- 31) Re: New Mil Radio Group Web Page  
by Ho4bart <Ho4bart@aol.com>
- 32) Dayton '98  
by W7FG <w7fgboat@w7fg.com>
- 33) Re: ARC-5 / BC-454  
by Ho4bart <Ho4bart@aol.com>

-----  
Date: Wed, 11 Mar 1998 06:51:23 -0500 (EST)

From: JD Delancy <k1zat@dsport.com>  
To: Dick Dillman <ddillman@igc.apc.org>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Cryptographic Museum?  
Message-ID: <Pine.GS0.3.95.980311065014.12253A-100000@puff>

Dick -

On Tue, 10 Mar 1998, Dick Dillman wrote:  
> Can anyone supply information about and directions to the  
> Cryptographic Museum near Washington, DC?

On the Baltimore-Washington Parkway at the intersection with  
MD-32. Brown background white letter signs take you right  
to it. Next door to Ft. Meade.

jd

-----  
Date: Wed, 11 Mar 1998 07:43:44 -0600 (CST)  
From: Gary Pewitt <gpewitt@execpc.com>  
To: Ho4bart <Ho4bart@aol.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: ?? aluminum TCS cabinet, why ??  
Message-ID: <Pine.GS0.3.95.980311073642.24731A-100000@earth>

On Wed, 11 Mar 1998, Ho4bart wrote:

> snip  
> aluminum, "nonmagnetic" ( or do they call it antimagnetic )  
  
> rest of the heavy ferrous metal in the tcs, why care about the  
> cabinet?  
>  
> hue  
>

One reason for non magnetic materials is magnetic mines. Mine sweepers  
were built with wooden hulls for this reason.

gpewitt@execpc.com N9ZSV 414 355 8147  
Gary Pewitt 6120 W. Calumet Rd. Apt 204  
Milwaukee, WI 53223. Boatanchor buff

-----

Date: 11 Mar 1998 10:16:37 -0600  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
To: boatanchors@sco.theporch.com  
Subject: Resistor source  
Message-ID: <1998Mar11.101638-0600@spike.vuse.vanderbilt.edu>

What's that, bunky, ya say ya went into the junk box and just couldn't find that 6.8k resistor you reeeeeeally need?

Well, buck up. TechAmerica (so I have found) sells 1/2 w 5% carbon film resistors (Taiwan, reasonable quality, 350v rating) for a penny a pop in lots of 100 or more. A complete kit of 10% values (10 ohm to 10 meg) is 73 values. I got together with a buddy and bought 100 of each, so we each got a kit of 3650 resistors for \$36.50. If you need the order list, I've done it up in machine form and can send it to you via e-mail. Just fax them the order, comes in four days, shipping \$5.

Standard disclaimer, no affiliation, yada yada.

A. B. Bonds

-----  
Date: Wed, 11 Mar 1998 10:27:42 -0500 (EST)  
From: nick@cs.unc.edu  
To: ddillman@igc.apc.org  
Cc: boatanchors@theporch.com  
Subject: Re: Cryptographic Museum?  
Message-ID: <199803111527.KAA00929@altair.cs.unc.edu>

Directions to the Crypto Museum? Do you have the proper clearance for that?

But seriously folks,

<http://www.nsa.gov:8080/museum/>  
has directions and a map to NSA's National Cryptologic Museum.

The Historical Electronics Museum (410-765-2345) is in Linthicum, MD right next to BWI. They are the old "Westinghouse" museum and have many boat anchors, mostly radar.

<http://www.spectrum.ieee.org/publicaccess/historical.html>

73 & Have Fun,

Nick England KD4CPL    nick@cs.unc.edu    Univ. Of North Carolina  
<http://www.cs.unc.edu/~nick/hobbies.html>    Chapel Hill NC



-----  
Date: Wed, 11 Mar 1998 09:45:44 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: Millen coil form 45004...  
Message-ID: <Pine.BSF.3.95.980311094207.17926A-100000@piobaire.mines.uidaho.edu>

What is this? A friend needs to know for a project he is building.

Ken

-----  
Date: Wed, 11 Mar 1998 12:43:26 -0600  
From: "Don Buska" <d.buska@aaiate.com>  
To: "Glowbugs List" <glowbugs@csres2cropsci.ncsu.edu>,  
"Boatanchors Tempe" <boatanchors@LISTSERV.TEMPE.GOV>,  
Subject: WTD: Information on Stancor 40P Transmitter  
Message-ID: <98Mar11.131117cst.33158@gateway.aaiate.com>

A new toy just arrived at the QTH thanks to Bruce W9QAH. Now I'm in need of any information for the Stancor 40P transmitter. This radio looks to be from the 40's time frame. The transmitter doesn't appear in either of the popular vacuum tube transmitter guides, nor in any of my 30s/40s QST or Radio magazines. If any of you have the Stancor transmitter / transformer ham manuals (catalogs) from the 40's could you take a look and see if the 40P appears. I gladly pay for copying and shipping costs or buy the ham manuals outright.

A little soap and water and this transmitter should look just great.

73

Don N900

\*\*\*\*\*  
\*\*  
\*\* Don Buska N900 (EN62bo) Principal Engineer \*\*  
\*\* 4805 64th Ave. Kenosha, WI 53144 Advantest America Inc. \*\*  
\*\* (414)654-0072 (847)821-3393 \*\*  
\*\* d.buska@aaiate.com fax (847)634-2872 \*\*  
\*\*  
\*\* ----- Wants ----- \*\*

**	ARRL-LM		James Millen Equipment		CSHVFS	**
**	AWA		Transmitters by Thordarson, Stancor,		NTMS	**
**	AMI		UTC and other transformer companies.			**
**	CCA		Receiver: National NC-101XA w/speaker			**
**	QCWA		Magazines: 73 Mag's from 1960/61			**
**						**
**			<a href="http://www.qsl.net/n9oo">http://www.qsl.net/n9oo</a>			**
**			Home of the Electric Radio Magazine Index			**

\*\*\*\*\*

-----

Date: Wed, 11 Mar 1998 16:38:45 EST  
 From: Jderm740 <Jderm740@aol.com>  
 To: boatanchors@theporch.com  
 Subject: Plugs  
 Message-ID: <dee85c5.35070467@aol.com>

Hi to all

Does anyone know where I can get 11 pin "octal plugs"?  
 I just got a Heath HP23-A power supply and I don't want to change the output socket.

Thanks

Jack

-----

Date: Wed, 11 Mar 1998 16:34:52 -0800  
 From: Charles Kadesch <chas@digizen.net>  
 To: boatanchors@theporch.com  
 Subject: WTD: Info om Meissner FM-X  
 Message-ID: <35072DAC.A70@digizen.net>

Does anyone have any info on the FM module for the Meissner EX  
 Signal Shifter? It is pictured in some QST ads from the 40's but  
 no real specs are given. I have checked with the usual sources of  
 manuals but can't seem to find anything. Any leads would be greatly  
 appreciated.  
 -73 de Chas W3KC-  
 chas@digizen.net

-----

Date: Wed, 11 Mar 1998 14:15:33 -0800  
From: "Al Parker" <awparker@worldnet.att.net>  
To: "Halli-list" <hallicrafters@qth.net>,  
"BASwaplist" <BASWAPLIST@foothill.net>,  
Subject: FT: junker SX-101  
Message-ID: <19980311223915.AAA9311@awphome>

Don't need much in trade - it's a carcass, but enough there to get to some one. No xrfmr, case, tubes, knobs, few I.F.'s gone, etc. Need clear meter plastic for HT-32, 12BY7's, 12JB6, 6JB6, old single contact audio plug, 11-pin plug, etc? Glad to get this to a user rather than the trash. I'll be at Foothills Sat., & Livermore 1st Sun. of April, then moving to NC.  
73, Al, W8UT  
Dublin, CA until 4/10  
New Bern, NC after 4/17

-----  
Date: Wed, 11 Mar 1998 14:21:37 -0800  
From: "Al Parker" <awparker@worldnet.att.net>  
To: "BASwaplist" <BASWAPLIST@foothill.net>,  
"Halli-list" <hallicrafters@qth.net>,  
Subject: Swap Hallicrafters emblem  
Message-ID: <19980311223915.AAB9311@awphome>

I have a small round H emblem, like found on the SX-101, HT-32, etc. Thought it would go on the HT-32, but the mounting post is not centered, but slightly higher than center. I need one with center mount. Could cut & epoxy, but maybe somebody needs this & has what I need?? Mine's in good shape, one small blemish smaller than pinhead.

73, Al, W8UT

-----  
Date: Wed, 11 Mar 1998 14:56:35 -0800 (PST)  
From: David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>  
To: boatanchors@theporch.com  
Subject: New Mil Radio Group Web Page  
Message-ID: <199803112256.0AA25672@rubens.artisan.calpoly.edu>

I just finished putting up a web page for the Military Radio Collectors Group. There is a little (very little) information on the group, as well as a lot of details regarding our meeting and swap that will occur on May 2. Check it out at:

<http://www.calpoly.edu/~doragsda/mrcg.htm>

Comments and criticisms welcome.

73

Dave Ragsdale

doragsda@polymail.calpoly.edu

-----  
Date: 11 Mar 1998 17:00:47 -0600  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
To: boatanchors@sco.theporch.com  
Subject: IEEE "Institute" on collecting  
Message-ID: <1998Mar11.170049-0600@spike.vuse.vanderbilt.edu>

The IEEE Institute newsletter (comes with Spectrum magazine), March 1998 has a front-page article titled "Collectors find true happiness in electronic tools of the past". It focuses on collectors Hal Smith, of Edmond, OK and Will Jensby, of Santa Clara CA. Among Smith's prizes are large numbers of "lollipop-colored" radios, some low-band FM Zenith boxes and "shortwave radios of the '40s and '50s, test equipment, antique medical and industrial equipment and a WWII military portable X-ray" (I know all about the latter.....) Jensby, a member of AWA, has recently reduced his collection but still has a few items, including some from DeForest himself and photographs.

There is also a brief interview with Stuart Slavid of Skinner, an auction house. He comments that most collectors are interested in items that are easily recognized, and that there is still a large amount of material that never has "surfaced", but would be of interest to those who understand its significance.

Like Boonton RF bridges? Or a BC-221?  
73 A. B. Bonds

-----  
Date: Wed, 11 Mar 1998 18:30:46 -0800  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: <ab@vuse.vanderbilt.edu>, "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: IEEE "Institute" on collecting  
Message-ID: <199803112328.SAA24225@shell.monmouth.com>

I do not remember seeing this article in my latest Institute Newsletter,

however, I think they might be regional in some of their content. In either case, Will Jensby, a good friend for well over 20 years is also a member of this "boatanchors" group and is otherwise known as W0E0M. 73s - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell, NJ, 07731  
732-901-9193

> The IEEE Institute newsletter (comes with Spectrum magazine), March  
> 1998 has a front-page article titled "Collectors find true happiness  
> Will Jensby, of Santa Clara CA.

-----  
Date: Wed, 11 Mar 1998 17:50:57 -0600  
From: Bob Reynolds <breynold@sigg.com>  
To: boatanchors@theporch.com  
Subject: SX-100 Part  
Message-ID: <98Mar11.174623cst.26881@firewall.sigg.com>

Looking for a function switch assembly for the SX-100. Any  
available out there ?

73, Red K5V0L

breynold@sigg.com (near Chicago)

-----  
Date: Wed, 11 Mar 1998 19:09:44 -0500  
From: BEN NOCK <G4BXD@compuserve.com>  
To: Multiple recipients of l <boatanchors@sco.theporch.com>  
Subject: KW2000E FS  
Message-ID: <199803111910\_MC2-3666-D1F@compuserve.com>

KW2000E hf ssb transceiver FS.  
100W ssb, 150W cw, 160-10 Mtrs  
all valve, 6146 pa  
fully working, with fitted vox unit, =

mic, details etc.

145.00 Pound, collect or post extra

Ben =

-----  
Date: Wed, 11 Mar 1998 18:21:28 -0600  
From: Terry Muncey <Terry@electrosys.com>  
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>  
Subject: Can you help identify this?  
Message-ID:  
<c=US%a=\_ecs%p=ElectroSys%l=WEBMASTER-980312002128Z-245@webmaster.eletrosys.com>

Can you help identify this perhaps British receiver? Everything that I know about this receiver including tubes and picture can be viewed at:

<http://www.electrosys.com/british.htm>

Please see if you can positively identify this communications receiver and if you know where I can obtain a manual or schematics for it.

Thanks to all of you across the Atlantic and those who may be in the US or wherever.

Terry Muncey - WB50AS

-----  
Date: Wed, 11 Mar 1998 17:20:26 -0800  
From: Chuck McGregor <c\_mcgregor@wport.com>  
To: boatanchors@theporch.com  
Subject: re: National Crypto Museum  
Message-ID: <3.0.5.32.19980311172026.007a48b0@mx1.wport.com>

Greetings,

See the NSA website (believe it or not) for information and directions to the museum. They have an outstanding collection of crypto boatanchors. They are located just off the Baltimore-Washington parkway at Savage Road, behind the Shell station on the NSA perimeter.

<http://www.nsa.gov:8080/museum/>

Web site and museum highly recommended.

73, Chuck N7RHU

-----  
Date: Wed, 11 Mar 1998 20:15:10 -0600  
From: Terry Muncey <Terry@electrosys.com>  
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>  
Subject: Can You Help Identify This Radio?  
Message-ID:  
<c=US%a=\_ecs%p=ElectroSys%l=WEBMASTER-980312021510Z-258@webmaster.eletrosys.com>

Sorry about the earlier post without picture. Here it is again

Can you help identify this perhaps British receiver? Everything that I know about this receiver including tubes and picture can be viewed at:

<http://www.electrosys.com/british.htm>

Please see if you can positively identify this communications receiver and if you know where I can obtain a manual or schematics for it.

Thanks to all of you across the Atlantic and those who may be in the US or wherever.

Terry Muncey - WB50AS

-----  
Date: Wed, 11 Mar 1998 20:22:19 -0600 (CST)  
From: Mike <ac5p@ionet.net>  
To: Jderm740@aol.com  
Cc: boatanchors@theporch.com  
Subject: Re: Plugs  
Message-ID: <199803120222.UAA25328@mail.ionet.net>

At 04:38 PM 3/11/98 EST, you wrote:

>Hi to all

>

>Does anyone know where I can get 11 pin "octal plugs"?

>I just got a Heath HP23-A power supply and I don't want to change the output  
>socket.

>

>Thanks

>

>Jack

Jack, I dont know, BUT IF you only need make connection to two or three or more pins, I DO know that 3/32" OD brass or copper tubing from the hobby

or model shop will work very well. The wire solders to the inside and a short piece of heat shrink will cover the portion of tubing that is not inside the socket pin. An 8" piece of tubing was about 69 cents as I recall. I cut the "pins" to about 3/4" each with a 32 tpi hacksaw and file smooth.

Mike

-----  
Date: Thu, 12 Mar 1998 02:35:46 GMT  
From: gwoods@albany.net (Gary Woods)  
To: boatanchors@theporch.com  
Cc: ac5p@ionet.net  
Subject: Re: Plugs  
Message-ID: <350949a6.4785876@mail.albany.net>

On Wed, 11 Mar 1998 20:22:19 -0600 (CST), you wrote:

>At 04:38 PM 3/11/98 EST, you wrote:  
>>Hi to all  
>>  
>>Does anyone know where I can get 11 pin "octal plugs"?  
>>I just got a Heath HP23-A power supply and I don't want to change the output

Last I knew, your local electronic parts jobber could get them... I (relatively recently) got a couple for an old Johnson CB.

--  
Gary Woods 0- K2AHC Public key at [www.albany.net/~gwoods](http://www.albany.net/~gwoods), or get 0x1D64A93D via  
keyserver  
gwoods@albany.net gwoods@wrrgb.com  
fingerprint = E2 6F 50 93 7B C7 F3 CA 1F 8B 3C C0 B0 28 68 0B

-----  
Date: Wed, 11 Mar 1998 20:38:49 CST  
From: jackiv@juno.com (John M Iverson)  
To: awparker@worldnet.att.net  
Cc: boatanchors@theporch.com  
Subject: Re: Swap Hallicrafters emblem  
Message-ID: <19980311.204855.10486.2.jackiv@juno.com>

This is the emblem for the smeter as used on many units to swing around to uncover the zero screw. jack



Jack Iverson      K0EWU      jackiv@juno.com

On Wed, 11 Mar 1998 14:21:37 -0800 "Al Parker"

<awparker@worldnet.att.net> writes:

>I have a small round H emblem, like found on the SX-101, HT-32, etc.

>Thought it would go on the HT-32, but the mounting post is not

>centered,

>but slightly higher than center. I need one with center mount. Could

>cut

>& epoxy, but maybe somebody needs this & has what I need?? Mine's in

>good

>shape, one small blemish smaller than pinhead.

>

>73, Al, W8UT

>

---

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Wed, 11 Mar 1998 21:59:50 -0500 (EST)

From: "Roberta J. Barmore" <rbarmore@indy.net>

To: "Mike B. Feher" <n4fs@monmouth.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: IEEE "Institute" on collecting

Message-ID: <Pine.SUN.3.96.980311215710.17201B-1000000@indy2>

Hi!

All this talk gives me a chance to publicly acknowledge a good guy: many. many times, when I post some vague recollection, the person who fills in the gaps is none other than the very same Will, W0EOM!

He knows his stuff. There is no higher praise.

73,

--Bobbi

---

Date: Wed, 11 Mar 1998 21:19:42 -0600 (CST)

From: Mike <ac5p@ionet.net>

To: boatanchors@theporch.com

Subject: Proc. of I.R.E. Archives?  
Message-ID: <199803120319.VAA24760@mail.ionet.net>

Can someone give me a library source for old volumes of subject?  
I am guessing this is Proceedings of Institute of Radio Engineers?

I've heard of Proc. of IEEE but not IRE.

Thanks,  
Mike

-----  
Date: Thu, 12 Mar 98 04:15:07 +0000  
From: davidh@getnet.com  
To: "Boatanchors" <boatanchors@sco.theporch.com>  
Subject: Fwd: photo  
Message-ID: <199803120416.VAA26190@getnet.com>

----- Begin Forwarded Message -----  
Date: 03/11 18:59  
Received: 03/12 04:01  
From: Richard J Brown, rjbro@MISNET.COM  
To: dx@ve7tcp.ampr.org

Could some on this reflector tell me how to obtain a photo of a national  
comm receiver NC 100XA from the 30's. A dxer in australia sked me if I  
could get a photo for him..Tnx Dick W5AA

----- End Forwarded Message -----

\*\*\*\*\*  
\*

Dave N7RK - Webmaster CADXA  
Phoenix, Arizona \*DXCC Honor Roll\* \*WAZ#23 - 75 Meter SSB\*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National  
and what ever else looks interesting!

davidh@getnet.com                      \\-//  
http://www.getnet.com/~davidh        (o!o)

-----oo00-(\_) -00oo-----

E-Mail Address

My Home Page

Visit the Central Arizona DX Association Home page --- <http://cadxa.org>

-----  
Date: Thu, 12 Mar 1998 15:20:22 +1100  
From: Morris Odell <morriso@vifp.monash.edu.au>  
To: boatanchors@sco.theporch.com  
Subject: Fuse on Steroids  
Message-ID: <35076286.5EB3@vifp.monash.edu.au>

Hi all,

The latest Boatanchor to weigh down my shack is an Eddystone 770U UHF receiver. It covers the range 140 to 500 MHz using 17 tubes and some nice diecastings - especially the front panel. It has the lovely Eddystone full width dial and very smooth it is too. Band selection is with a rather impressive turret. The smell is particularly evocative in an indefinable way of the 1950s British electronics that I was trained with.

These Eddystone VHF/UHF receivers have the reputation of being rather deaf and this seems to be the case here although I'm sure it will improve once I get a manual and can check operation properly. At the moment it seems more sensitive detecting AM when set to the FM position so something's definitely wrong somewhere. The RF stage is a 6AM4 which has a prominent label on it saying "Brimar - Laboratory Sample - Serial No (indecipherable handwritten number)."

The only obvious failures I could see were in some of the various dial and indicator lamps. The band indicators were easily replaced but the main dial lamps are a mystery to me. They are 6.3 volt "festoon" types that look like a fuse on steroids. If anyone (? Bill Jarvis) knows what these are or even better, where to get a couple, I'd be very pleased.

On a similar subject BTW, does anyone know whether the type 381 lamp is a possible replacement for the type 328 used in the R390A?

73 de Morris VK3DOC

-----  
Date: Wed, 11 Mar 1998 23:29:01 EST  
From: Ho4bart <Ho4bart@aol.com>  
To: boatanchors@sco.theporch.com  
Subject: Re: ?? aluminum TCS cabinet, why ??  
Message-ID: <1a976d9a.35076490@aol.com>

In a message dated 98-03-11 06:54:01 EST,  
AAFRadio@erols.com writes:

> Might be an early version, Hue. Remember the early BC-191/375 tuning  
> unit cabinets?

---what a mystery. i looked at it again today. the type is CY-1668 serial  
A50. the lettering is very postwar looking, like late 40s - 50s style. but,  
it is listed in earlier books. and, the label describes it as nonmagnetic  
cabinet for substitution.

some suggested that this would be used on minesweepers. however,  
what do you do with the radio's innards, or the ship's engine?  
if the cabinet had been designed for lighter weight such as for aircraft  
use, the label wouldn't specifically point out its "nonmagnetic" property.  
hue

-----  
Date: Wed, 11 Mar 1998 23:50:12 -0500  
From: Glenn Finerman <glennfin@mjet.com>  
To: boatanchors@theporch.com  
Subject: RE: ARC-5 / BC-454  
Message-ID: <3.0.3.32.19980311235012.00696a68@mjet.com>

Just an opinion.....

What's with this need to protect the "innocent  
radios of the world"??...

Didn't they produce a gazillion of these rigs?  
If you feel so strongly about "preserving" the history  
of old tube communications gear then why not open  
your own museum, spend all your money buying  
unmodified gear to save for future generations...  
(no one's gonna care years from now when we are all dead!)

Peter's friend obviously wants to actually use this receiver

on the air, and I say WHY NOT!!! What the heck good is it gonna do anybody sitting on a shelf? Yea maybe there are better choices for a 40 meter receiver, but the idea is to have fun using an old piece of military gear on the air and if it requires some modification to get it there, so be it!

I beleive it was CQ magazine that produced the excellent "Surplus Conversion manual" series back in the 60's. I'm sure someone on the list can help you out with this Peter.

Building from scratch isn't the only way to learn about radio. Modification, experimenting, tinkering, improving is the nature of Ham radio in my opinion...I'm a Ham Radio OPERATOR, not a museum curator.

As I said.....Just an opinion which I'm sure some of you folks don't aggree with (right Dave?) but that's life! ya know?

(I'm ready with my flame proof suit)

Glenn NA2DX

-----  
Date: Wed, 11 Mar 1998 22:48:19 -0600  
From: W7FG <w7fgboat@w7fg.com>  
To: boatanchors@theporch.com  
Subject: BA Haunts in Venezuela????  
Message-ID: <199803120448.WAA01169@linux.cottagesoft.com>

I will be spending this comming week in Caracas and Maracaibo, Venezeula any BA enthusiasts in YV land?? Anyone know of ANY BA Haunts in the two cities??

(Not holding my hopes up very high on either question!)

73's Gary  
W7FG Vintage Manuals  
3300 Wayside Drive  
Bartlesville, Ok. 74006

We will provide Free Catalogs for  
Handing out at Hamfests or Clubs.

Tel - 800-807-6146  
- 918-333-3754

Let us know how many, where to  
Send them and when they need to be  
in your hands.

Http://www.w7fg.com

73's Gary

-----  
Date: Wed, 11 Mar 1998 22:47:46 -0600  
From: "Gary Harmon" <gharmon@txdirect.net>  
To: "ba" <boatanchors@theporch.com>,  
      "Boat Anchors List" <BOATANCHORS@LISTSERV.TEMPE.GOV>  
Subject: Wanted: S-40A Dial  
Message-ID: <01bd4d72\$0040d020\$60458ed1@txdirect.net.txdirect.net>

Need a replacement green dial for a S-40A. If you have one to sale or trade please let me know.

Thanks in advance and 73, gary

=====  
Gary H. Harmon, Jr., K5JWK  
6302 Robin Forest  
San Antonio, TX 78239-3218  
(210) 657-1549  
gharmon@txdirect.net  
=====

-----  
Date: Wed, 11 Mar 1998 20:50:35 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>, <morriso@vifp.monash.edu.au>  
Subject: Re: Fuse on Steroids  
Message-ID: <199803120451.UAA05592@mail3.sirius.com>

Morris asks:

> On a similar subject BTW, does anyone know whether the type 381 lamp is  
> a possible replacement for the type 328 used in the R390A?

#328 6.0V @ .2A midget flange T-1 3/4 bulb .625L .225D

#381 6.3V @ .2A midget flange T-1 3/4 bulb .625L .225D

The 381 is a tad bit brighter. Looks like close enough for government work.

Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

-----  
Date: Wed, 11 Mar 1998 23:54:16 EST  
From: Ho4bart <Ho4bart@aol.com>  
To: boatanchors@theporch.com  
Subject: Re: New Mil Radio Group Web Page  
Message-ID: <8af9baa6.35076a7a@aol.com>

In a message dated 98-03-11 17:58:01 EST,  
doragsda@polymail.cpunix.calpoly.edu writes:

> There is a little (very little) information on the group, as well as  
> a lot of details regarding our meeting and swap that will occur on May 2.

---it occurred to me that you might think of having someone there  
shoot some photos, mostly cute shots of green anchors in operation,  
whip up a little text, and ship off a brief article like 1/2 or 1 page, to  
( gasp ) Popular Communications. why? well, i sometimes wonder if  
when this cohort exits, will the newer troops be interested at all in  
kryptonite-heavy low-data rate enormous machines that barely fit  
in the compact car or condo. you already know ( and actually, kinda  
profit from....) the fact that many / most people cruising thru the ham  
fest do not recognize what that green or black box is.  
why not do some recruiting, showing some of the attractive sets and  
features that intrigue aficionados, and plant the seed? I think Pop  
Com would be happy to have such an article, and it's a great venue  
for people starting into the radio communications hobbies.  
hue

-----  
Date: Wed, 11 Mar 1998 23:02:35 -0600  
From: W7FG <w7fgboat@w7fg.com>  
To: boatanchors@theporch.com  
Subject: Dayton '98  
Message-ID: <199803120502.XAA01629@linux.cottagesoft.com>

Anyone having a spot at the Dayton Convention this year?

Gary  
W7FG Vintage Manuals  
3300 Wayside Drive  
Bartlesville, Ok. 74006

We will provide Free Catalogs for  
Handing out at Hamfests or Clubs.

Let us know how many, where to

Tel - 800-807-6146  
- 918-333-3754  
Http://www.w7fg.com

Send them and when they need to be  
in your hands.

73's Gary

-----  
Date: Thu, 12 Mar 1998 00:42:06 EST  
From: Ho4bart <Ho4bart@aol.com>  
To: boatanchors@theporch.com  
Subject: Re: ARC-5 / BC-454  
Message-ID: <ae94553a.350775b1@aol.com>

In a message dated 98-03-11 23:43:47 EST, glennfin@mjet.com writes:

> Just an opinion.....  
> What's with this need to protect the "innocent  
> radios of the world"??...  
> Didn't they produce a gazillion of these rigs?

---yes, they did. what was the last time you walked thru a hamfest and spotted an unmodified ( "unconverted" ) one? why are people looking for the plug adaptor for the front, in undrilled condition?

> If you feel so strongly about "preserving" the history  
> of old tube communications gear then why not open  
> your own museum,

---thanks for the suggestion, but

because i don't care for museum-mausoleums myself. i would rather see the gear in private hands, fired up even, but.....( further on ). actually, i find a lot of it works just fine as is, for what i want to do, or with some small nonobvious modifications. some gear, just can't be improved enuff or modified enuff to do any job but give demonstrations, today.

>spend all your money buying  
> unmodified gear to save for future generations...  
> (no one's gonna care years from now when we are all dead!)

---well, i have spent a pretty good bit. re your last sentence, no one will thank Hubert E. Miller that he passed RAT SN#7 to a collector, rather than souping it up for a 10-meter mobile rig for his car, using helpful hints from CQ's Command Sets Manual. however, i really do think somewhere down the line, some future owner will reflect on the fortuitous chain of provenance which brought it there. and this applies to more common items to some extent. the ranks of all this gear are thinning out. actually, maybe i should encourage and thank you, because this will reflect on the value of my own ( working ) equipment, when it's time for me to pass it on.



i know your last sentence is partly just facetious, but my semiserious reply is, do you chose actions based on this premise, generally?

> Peter's friend obviously wants to actually use this receiver  
> on the air, and I say WHY NOT!!! What the heck good is  
> it gonna do anybody sitting on a shelf?

---what extent are the mods?

i would probably bet you money, it will end up sitting on the shelf, after he's disappointed with his product.

yes, no one actually gives a damn or has a right to tell him not to convert it to junk, i agree.

>Yea maybe there

> are better choices for a 40 meter receiver, but the idea  
> is to have fun using an old piece of military gear on the  
> air and if it requires some modification to get it there, so be it!

---fine, i agree. so be it! i guess i missed the word "some" in your previous. most "conversions" of the command set series aren't just "some" modifications. okay,  
i will back off. i just want to point out that these items are a lot less plentiful than they once were. in the "surplus era", hacking this gear was a good option for people wanting to learn & operate radio, but with a limited budget. nowadays there's no shortage of hacked and hackable, electronic surplus, recent equipment steeply depreciated, and electronic kits. and the prices are lower, when compared in 'constant dollars' , to equal gear available back then.

> I beleive it was CQ magazine that produced the excellent "Surplus  
> Conversion manual" series back in the 60's. I'm sure someone  
> on the list can help you out with this Peter.

---someone really is calling this series excellent? there are some good ideas true, and there are the "first, remove all the parts, this thing couldn't possibly be any good..." conversions. does it need to be converted? or just maybe, tweaked?  
hue

-----

End of BOATANCHORS Digest 1964  
\*\*\*\*\*